



SEQUENCE LISTING

<110> Brennan, Thomas J.

<120> TRANSGENIC MICE CONTAINING 5-HT-2B GENE
DISRUPTIONS

<130> R-599

<140> US 09/903,376

<141> 2001-07-10

<150> US 60/218,358

<151> 2000-07-12

<150> US 60/223,120

<151> 2000-08-07

<150> US 60/223,122

<151> 2000-08-07

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1550

<212> DNA

<213> Mus musculus

<400> 1
actgtctgga actggactga gtcacaaaaa ggcgaaatggc ttcattcttat aaaatgtctg 60
aacaaagcac aacttctgag cacattttac agaagacatg tgatcacctg atcctgacta 120
accgttcttg attagagaca gactcagtag cagaggaaat gaagcagact gtggaggagac 180
aggggcatac agtgactgg gcagctctcc tgatactcgc ggtgataata cccaccattg 240
gtgggaacat ccttgtgatt ctggctgttg cactggagaa aaggctgcag tacgctacca 300
actacttttt aatgtccttg gcgatatagcag atttgctggg tggattgttt gtgatgccga 360
ttgccctctt gacaatcatg tttagaggcta tatggccctt cccactggcc ctgtgtcctg 420
cctgggtatt cctcgatggt ctcttttcaa ctgcctccat catgcatctc tgtgccattt 480
ccctggaccg ctatatagcc atcaaaaagc caattcaggc caatcagtcg aacacccggg 540
ctactgcatt catcaagatt acagtgggtat ggttaatttc aataggcatc gccatcccag 600
tccctattaa aggaatcgag actgatgtga ttaatccaca caatgtcacc tgtgagctga 660
caaaggaccg ctttggcagt tttatgggtct ttgggtcact ggctgctttc ttcgtacctc 720
tcaccatcat ggtagtact tactttctca ccattcacac tttacagaag aaagcttact 780
tggtcaaaaa taagccacct caacgcctaa cagggtggac tgtgccca gttttcctaa 840
gggaagactc atccttttca tcaccagaaa aggtggcaat gctggatggg tctcacaggg 900
ataaaattct acctaaactca agtgatgaga cacttatgag aagaatgtcc tcagttggaa 960
aaagatcagc ccaaaccatt tctaattgag agagagcctc gaaggccctt ggagtcgtgt 1020
ttttcctttt tctgcttatg ttgtgccctt tttttattac aaatctaact ttagctctgt 1080
gtgattcctg caatcagacc actctcaaaa cactcctgga gatattttgt tggataggct 1140
acgttttctc gggggtgaat cctctgatct atacactctt caataagaca tttcgggaag 1200
catttggcag gtacatcacc tgcaattacc gagccacaaa gtcagtaaaa gcacttagga 1260
agttttccag tacactttgt tttgggaatt caatggtaga aaactctaaa tttttcacia 1320
aacatggaat tcgaaatggg atcaaccctg ccatgtacca gagcccaatg aggtccgat 1380
gttcaaccat tcagtctctc tcaatcatcc tctcgtatcc ccttctcact gaaaacgatg 1440
gcgacaaaagc ggaagagcag gtcagctaca tattgcagga acgggcccggc ctcatcttga 1500

gagaggggtga tgagcaggac gcacgcgcac catggcaggt tcaagagtga

1550

<210> 2
<211> 504
<212> PRT
<213> Mus musculus

<400> 2
Met Ala Ser Ser Tyr Lys Met Ser Glu Gln Ser Thr Thr Ser Glu His
1 5 10 15
Ile Leu Gln Lys Thr Cys Asp His Leu Ile Leu Thr Asn Arg Ser Gly
20 25 30
Leu Glu Thr Asp Ser Val Ala Glu Glu Met Lys Gln Thr Val Glu Gly
35 40 45
Gln Gly His Thr Val His Trp Ala Ala Leu Leu Ile Leu Ala Val Ile
50 55 60
Ile Pro Thr Ile Gly Gly Asn Ile Leu Val Ile Leu Ala Val Ala Leu
65 70 75 80
Glu Lys Arg Leu Gln Tyr Ala Thr Asn Tyr Phe Leu Met Ser Leu Ala
85 90 95
Ile Ala Asp Leu Leu Val Gly Leu Phe Val Met Pro Ile Ala Leu Leu
100 105 110
Thr Ile Met Phe Glu Ala Ile Trp Pro Leu Pro Leu Ala Leu Cys Pro
115 120 125
Ala Trp Leu Phe Leu Asp Val Leu Phe Ser Thr Ala Ser Ile Met His
130 135 140
Leu Cys Ala Ile Ser Leu Asp Arg Tyr Ile Ala Ile Lys Lys Pro Ile
145 150 155 160
Gln Ala Asn Gln Cys Asn Thr Arg Ala Thr Ala Phe Ile Lys Ile Thr
165 170 175
Val Val Trp Leu Ile Ser Ile Gly Ile Ala Ile Pro Val Pro Ile Lys
180 185 190
Gly Ile Glu Thr Asp Val Ile Asn Pro His Asn Val Thr Cys Glu Leu
195 200 205
Thr Lys Asp Arg Phe Gly Ser Phe Met Val Phe Gly Ser Leu Ala Ala
210 215 220
Phe Phe Val Pro Leu Thr Ile Met Val Val Thr Tyr Phe Leu Thr Ile
225 230 235 240
His Thr Leu Gln Lys Lys Ala Tyr Leu Val Lys Asn Lys Pro Pro Gln
245 250 255
Arg Leu Thr Arg Trp Thr Val Pro Thr Val Phe Leu Arg Glu Asp Ser
260 265 270
Ser Phe Ser Ser Pro Glu Lys Val Ala Met Leu Asp Gly Ser His Arg
275 280 285
Asp Lys Ile Leu Pro Asn Ser Ser Asp Glu Thr Leu Met Arg Arg Met
290 295 300
Ser Ser Val Gly Lys Arg Ser Ala Gln Thr Ile Ser Asn Glu Gln Arg
305 310 315 320
Ala Ser Lys Ala Leu Gly Val Val Phe Phe Leu Phe Leu Leu Met Trp
325 330 335
Cys Pro Phe Phe Ile Thr Asn Leu Thr Leu Ala Leu Cys Asp Ser Cys
340 345 350
Asn Gln Thr Thr Leu Lys Thr Leu Leu Glu Ile Phe Val Trp Ile Gly
355 360 365
Tyr Val Ser Ser Gly Val Asn Pro Leu Ile Tyr Thr Leu Phe Asn Lys
370 375 380
Thr Phe Arg Glu Ala Phe Gly Arg Tyr Ile Thr Cys Asn Tyr Arg Ala

